ABSTRACT

An in-mold coating molded article is obtained by coating the surface of a resin molded product comprising a hydroxyl group-containing polypropylene resin composition (A) with a paint composition for in-mold coating, wherein the composition (A) comprises a polypropylene resin (i), an additive rubber (ii) and optionally a polymer compound (iii) other than the polypropylene resin (i) and the additive rubber (ii), the total hydroxyl value of the polypropylene resin (i), the additive rubber (ii) and the optional polymer compound (iii) is from 1 to 40, the composition (A) has a rubber component content (total of the amount of the additive rubber (ii) and the amount of components soluble in n-decane at 23°C of the polypropylene resin (i) and the optional polymer compound (iii)) of from 15 to 80 % by mass based on 100 % by mass of the total amount of the rubber component and the resin component other than the rubber component, the paint composition comprises a vehicle component comprising 10 to 70 % by mass of an oligomer having at least two (meth)acrylate groups and 90 to 30 % by mass of an ethylenically unsaturated monomer copolymerizable with the oligomer, a (meth)acryl modified chlorinated polyolefin having a chlorine content of from 2 to 40 % by mass, an organic peroxide polymerization initiator, and a polyisocyanate compound in a

specific proportion. In the process for preparing the article, the article is prepared by injection molding method, injection compression molding method or injection press molding method. Accordingly, there can be provided an in-mold coating molded article such that the paint composition is monolithically formed on the surface of the resin molded product of the composition with good adhesion and a process for preparing the same.